

Learning Achievement and Satisfaction in teaching through Teleconference of the First Year Nursing Students at Mission Faculty of Nursing, Asia-Pacific International University

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Abstract

This quasi-experimental research aimed to compare students' learning achievement and their satisfaction in teaching through teleconference system. Purposive sampling technique was utilized to obtain 30 first year nursing students of Mission Faculty of Nursing at Muak Lek Campus. The students' learning achievement and their satisfaction in the teaching program were assessed by using Knowledge Questionnaire and Student's Satisfaction Questionnaire which were developed by investigators. Both questionnaires had acceptable validity and reliability. For implementation, the subjects were taught by teachers from Bangkok Campus through teleconference system for one topic. Knowledge was examined prior and after the teaching. T-test was performed to compare the knowledge and their satisfaction. Results revealed a significant difference in learning achievement prior and after the teaching. ($t = 13.46, p < 0.05$). The mean scores of knowledge after the teaching are higher than before the teaching. Satisfaction level in teaching by using telecommunication system is different at statistical significance level of .05 ($t = 17.74, p < 0.05$). The satisfaction mean scores after the teaching is higher than set value of 3.5 (very good level). Suggestions were to encourage teachers to utilize the system and develop it into more advanced level.

Keywords: learning achievement, satisfaction, teleconference